

We Claim:

1. A process for supplying an insect-attracting gaseous product to an insect trap for attracting insects, the process comprising passing at least one of air and 5 oxygen through an ozone producing unit to produce a gaseous product containing ozone, passing the gaseous product containing ozone through activated carbon to produce a insect-attracting gaseous product, and providing the insect-attracting gaseous product to the insect trap.
- 10 2. The process of claim 1, wherein the insect-attracting gaseous product contains at least carbon dioxide.
- 15 3. A process according to claim 1 wherein ozone producing unit comprises an element for producing a corona discharge area for contacting at least the air or oxygen to produce the gaseous product containing ozone.
- 20 4. A process according to claim 1 wherein the insect trap to which the insect-attracting gaseous product is provided also contains at least one further insect attractant and elements for retaining and optionally destroying insects attracted to the trap.
- 25 5. Apparatus for providing an insect-attracting gaseous product to an insect trap comprising:
 - an enclosed housing having an inlet for entry of at least one of air and oxygen into the housing and a discharge outlet for discharge of an insect-attracting gaseous product, said discharge outlet adapted to be placed in fluid communication with an insect trap for providing the insect-attracting gaseous product to said trap;
 - 30 an element in said housing for treating at least one of air and oxygen to produce a gaseous mixture containing ozone;

an activated carbon element;
a fluid pathway through said housing for providing flow of at least one of air and oxygen to the element for producing an ozone-containing gaseous product and thereafter for said ozone-containing gaseous product to contact the activated carbon element to produce an insect-attracting gaseous product, and then for said insect-attracting gaseous product to be discharged through the discharge outlet.

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6. The apparatus of claim 5, wherein the insect-attracting gaseous product
10 contains at least carbon dioxide.

7. The apparatus of claim 5 wherein the element for producing the ozone-containing gaseous product comprises at least one pair of electrodes in said housing and connectable to a source of electrical power for providing a corona discharge
15 area in said housing.

8 A device for trapping and optionally destroying insects comprising:
an insect trap; and
an ozone-producing unit provided with activated carbon for producing
20 an insect-attracting gaseous product by contacting the activated carbon with ozone produced by the unit, said unit being in fluid communication with said insect trap for providing the insect-attracting gaseous product to the insect trap.

25 9. A device according to claim 8, wherein the insect-attracting gaseous product contains at least carbon dioxide.

10. A device according to claim 8 wherein the ozone-producing unit comprises a corona discharge area.

11. A device according to claim 8 wherein the ozone-producing unit comprises:
an inlet for entry of at least one of air and oxygen into the unit;
a discharge outlet for discharge of the insect-attracting gaseous product from the unit to the insect trap; and
5 a fan for causing entry of at least one of air and oxygen into the unit through the inlet and discharge of the insect-attracting gaseous product through the discharge outlet.

12. A device according to claim 10 wherein the ozone-producing unit comprises:
10 an inlet for entry of at least one of air and oxygen into the unit;
a discharge outlet for discharge of the insect-attracting gaseous product from the unit to the insect trap; and
a fan for causing entry of at least one of air and oxygen into the unit through the inlet and discharge of the insect-attracting gaseous product through the discharge outlet.
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13. A process for attracting and optionally destroying insects comprising providing to an insect trap an insect-attracting gaseous product produced by the process of claim 1.

20 14. A process for attracting and optionally destroying insects comprising providing to an insect trap an insect-attracting gaseous product produced by the process of claim 2.

25 15. A process for attracting and optionally destroying insects comprising providing to an insect trap an insect-attracting gaseous product produced by the process of claim 3.

16. A process for attracting and optionally destroying insects comprising providing
30 to an insect trap an insect-attracting gaseous product produced by the process of

claim 4.

17. A process for attracting and optionally destroying insects comprising providing an insect trap of claim 8 in an area suspected to be inhabited by the insects and 5 operating the device to produce the insect-attracting gaseous product.

18. A process for attracting and optionally destroying insects comprising providing an insect trap of claim 9 in an area suspected to be inhabited by the insects and operating the device to produce the insect-attracting gaseous product.

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19. A process for attracting and optionally destroying insects comprising providing an insect trap of claim 10 in an area suspected to be inhabited by the insects and operating the device to produce the insect-attracting gaseous product.

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20. A process for attracting and optionally destroying insects comprising providing an insect trap of claim 11 in an area suspected to be inhabited by the insects and operating the device to produce the insect-attracting gaseous product.

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21. A process for attracting and optionally destroying insects comprising providing an insect trap of claim 12 in an area suspected to be inhabited by the insects and operating the device to produce the insect-attracting gaseous product.